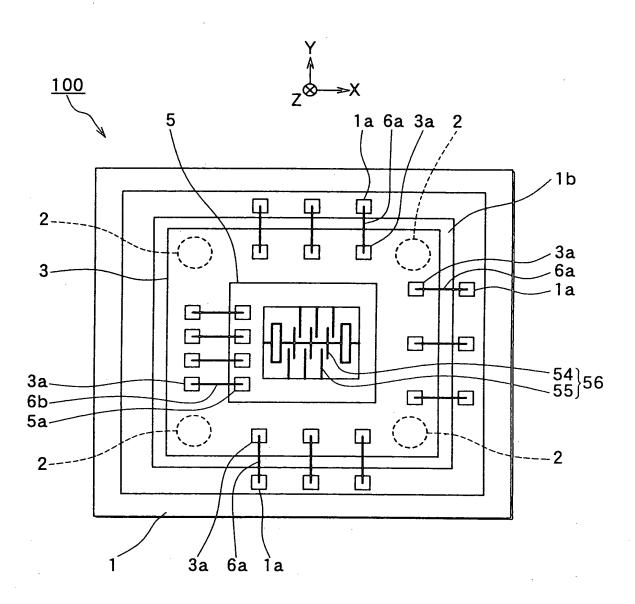


FIG. 2



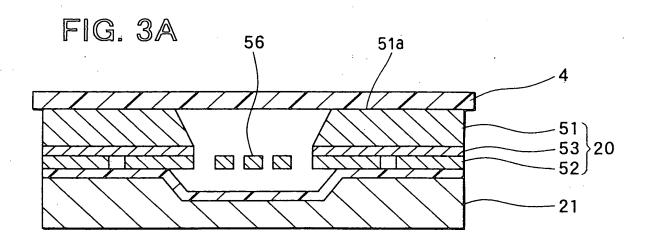


FIG. 3B

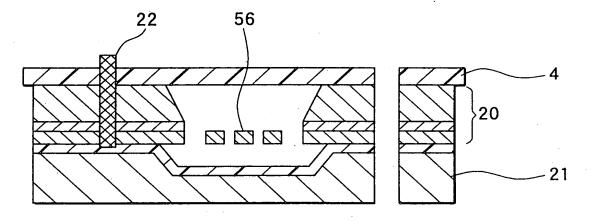


FIG. 3C

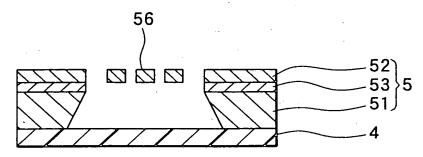


FIG. 3D

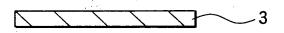


FIG. 3E

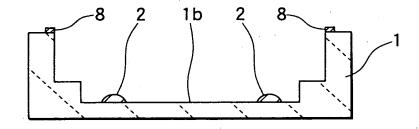


FIG. 3F

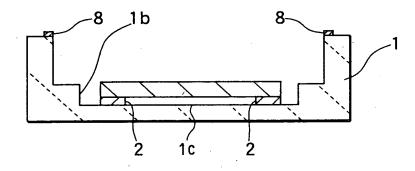


FIG. 3G

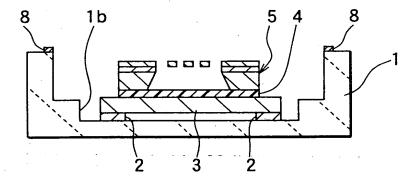
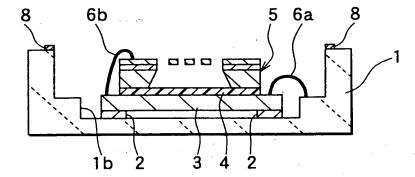


FIG. 3H



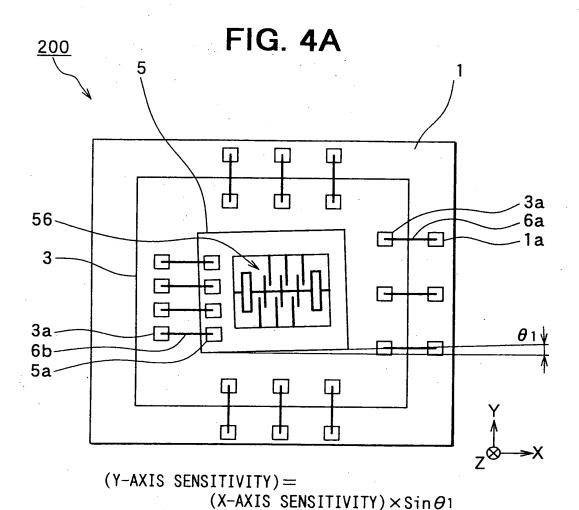
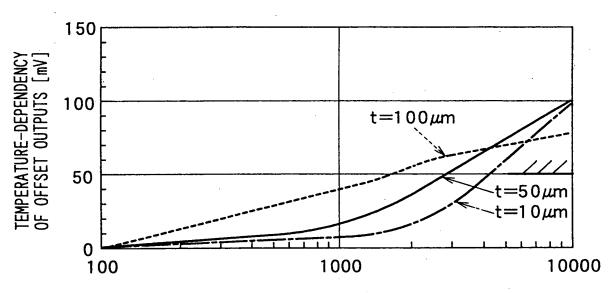


FIG. 4B

3a 6b 5a 5 S1 $\frac{200}{z}$ $\frac{\theta 2}{z}$ $\frac{1}{z}$ $\frac{1}{z}$

FIG. 5



ELASTICITY COEFFICIENT [MPa]

